

ABSTRACT

A pneumatic tire comprises a carcass comprising one ply of cords extending between the bead portions through the tread portion and sidewall portions and turned back in each said bead portion from the axially inside to the axially outside of the tire and wound around the bead core so as to form a pair of wound portions and a main portion therebetween, wherein a radially outer part of the wound portion, which is defined as extending axially inwards along the radially outer face of the bead core, has a certain length when measured along the radially outer face which is not less than 0.5 times the width of the radially outer face, and an organic fiber cord layer is disposed between the radially outer part and the radially outer face of the bead core, and a distance between the cords of the radially outer part and the radially outer face of the bead core in a normal direction to the radially outer face is in a range of from 0.05 to 1.0 times the section height of the bead core.

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